

## Дасгал 1:

```
1
2  #include <iostream>
3
4  using namespace std;
5
6  int max(int a, int b, int c)
7  {
8      int max;
9      if (a > b)
10     {
11         if (a > c)
12         {
13             max = a;
14         }
15         else
16         {
17             max = c;
18         }
19     }
20     else
21     {
22         if (b > c)
23         {
24             max = b;
25         }
26         else
27         {
28             max = c;
29         }
30     }
31     return max;
32 }
33 int main()
34 {
35     int a, b, c;
36     cin >> a >> b >> c;
37     cout << max(a, b, c) << endl;
38
39     return 0;
40 }
41
```

## Дасгал 2:

```
1
2 #include <iostream>
3
4 using namespace std;
5
6 int make_set(int A[], int n, int B[])
7 {
8     int i, j, c, k = 0;
9     for (i = 0; i < n; i++)
10     {
11         c = 0;
12         for (j = 0; j < k; j++)
13         {
14             if (A[i] == B[j])
15             {
16                 c = 1;
17                 break;
18             }
19         }
20         if (c == 0)
21         {
22             B[k] = A[i];
23             k++;
24         }
25     }
26     return k;
27 }
28
29 int main()
30 {
31     cout << "husnegtiin hemjeeг oruul\n";
32     int sizeArr;
33     cin >> sizeArr;
34     int A[sizeArr];
35     int B[sizeArr];
36     for (int i = 0; i < sizeArr; i++)
37     {
38         cin >> A[i];
39     }
40     cout << "Ylgaatai element : " << make_set(A, sizeof(A) / sizeof(int), B) << endl;
41     return 0;
42 }
43
```

## Дасгал 3:

```
1
2 #include <iostream>
3
4 using namespace std;
5
6 int findEven(int A[], int n)
7 {
8     int evenCount = 0;
9     for (int i = 0; i < n; i++)
10     {
11         if (A[i] % 2 == 0)
12         {
13             evenCount++;
14         }
15     }
16     return evenCount;
17 }
18
19 int main()
20 {
21     cout << "husnegtiin hemjeeг oruul\n";
22     int sizeArr;
23     cin >> sizeArr;
24     int A[sizeArr];
25     for (int i = 0; i < sizeArr; i++)
26     {
27         cin >> A[i];
28     }
29     cout << "tegsh element : " << findEven(A, sizeof(A) / sizeof(int)) << endl;
30     return 0;
31 }
32
```

## Дасгал 4:

```
1
2 #include <iostream>
3
4 using namespace std;
5
6 double fontOddAVg(int A[], int n)
7 {
8     float oddCount = 0;
9     float total = 0;
10    for (int i = 0; i < n; i++)
11    {
12        if (A[i] % 2 != 0)
13        {
14            oddCount += 1;
15            total += A[i];
16        }
17    }
18    return total / oddCount;
19 }
20
21 int main()
22 {
23     cout << "husnegtiin hemjeeg oruul\n";
24     int sizeArr;
25     cin >> sizeArr;
26     int A[sizeArr];
27     for (int i = 0; i < sizeArr; i++)
28     {
29         cin >> A[i];
30     }
31     cout << "odd element dundaj : " << fontOddAVg(A, sizeof(A) / sizeof(int)) << endl;
32     return 0;
33 }
34
```

## Дасгал 5:

```
1
2  #include <iostream>
3  #include <math.h>
4  using namespace std;
5
6  void printPrime(int num)
7  {
8      int i, j, isPrime, counts = 0;
9      i = 2;
10     while (counts < num)
11     {
12         isPrime = 1;
13         for (j = 2; j <= ceil(sqrt(i)); j++)
14         {
15             if (i % j == 0 && i != j)
16             {
17                 isPrime = 0;
18                 break;
19             }
20         }
21         if (isPrime == 1)
22         {
23             counts++;
24             cout << i << endl;
25             i++;
26         }
27         else
28         {
29             i++;
30         }
31     }
32 }
33
34 int main()
35 {
36     printPrime(10);
37 }
38
```